

Listing of the Claims

1. (Original) An anchoring device for disposition within an intervertebral space, comprising first and second end members, the first and second end members cooperating to receive a prosthetic insertion device, wherein the first and second end members each comprise a first surface, at least one vertebral-engaging member extending from the first surface, a second surface in an opposed relation to the first surface, and at least one flange extending from the second surface.
2. (Original) The anchoring device of claim 1 further comprising at least one cam device, the cam device being moveable between a first position and a second position.
3. (Original) The anchoring device of claim 2 further comprising an access hole for accessing the cam device.
4. (Original) The anchoring device of claim 1 wherein the at least one vertebral-engaging member is angled relative to the first surface.
5. (Original) The anchoring device of claim 1 wherein the at least one vertebral-engaging member comprises a sharp edge.
6. (Original) The anchoring device of claim 1 wherein the at least one vertebral-engaging member and the first surface are coated with a bone-growth promoting substance.
7. (Original) The anchoring device of claim 6 wherein the bone-growth promoting substance is hydroxyapatite.
8. (Original) The anchoring device of claim 6 wherein the at least one vertebral-engaging member and the first surface are roughened prior to being coated with the bone-growth promoting substance.
9. (Original) The anchoring device of claim 1 wherein the second member is inverted relative to the first member.

10. (Original) The anchoring device of claim 1 wherein the at least one flange extends along the second surface from a front portion to a rear portion of the second surface.
11. (Original) The anchoring device of claim 10 wherein the flange is angled relative to the second surface to define an elongated slot.
12. (Original) The anchoring device of claim 10 further comprising a wall extending transversely relative to the at least one flange, the wall extending along the rear portion of the second surface.
13. (Original) The anchoring device of claim 1 further comprising a hole formed through each of the first and second end members.
14. (Original) An anchoring device for receiving a prosthetic insertion device, comprising:
 - a first end member, comprising:
 - a first surface in an opposed relation to a second surface;
 - a pair of vertebral-engaging members extending from the first surface, the vertebral-engaging members being angled towards one another;
 - a pair of flanges extending from the second surface, the flanges being angled towards one another to define a pair of elongated slots; and
 - a pair of cam devices positioned adjacent the elongated slots, the cam devices moveable between a first position and a second position;
 - a second end member cooperating with the first end member to receive a prosthetic insertion device, the second end member comprising:
 - a first surface in an opposed relation to a second surface;
 - a pair of vertebral-engaging members extending from the first surface, the vertebral-engaging members being angled towards one another;
 - a pair of flanges extending from the second surface, the flanges being angled towards one another to define a pair of elongated slots; and
 - a pair of cam devices positioned adjacent the elongated slots, the cam devices moveable between a first position and a second position.

15. (Original) An end member for receiving a portion of a prosthetic insertion device, comprising a first surface, at least one vertebral-engaging member extending from the first surface, a second surface in an opposed relation to the first surface, and at least one flange extending from the second surface, and a means for releasably securing a portion of a prosthetic insertion device.
16. (Original) A modular prosthetic device, comprising first and second end members each comprising at least one receiving means and at least one locking means positioned adjacent to the receiving means, and a prosthetic insertion device comprising a means for engaging the at least one receiving means of the first and second end members, the prosthetic insertion device being adapted to be releasably secured to the first and second end members by the at least one locking means of the first and second end members.
17. (Original) The modular prosthetic device of claim 16 wherein the receiving means is an elongated slot.
18. (Original) The modular prosthetic device of claim 16 wherein the locking means is a cam device.
19. (Original) The modular prosthetic device of claim 16 wherein the prosthetic insertion device is a motion-preserving device.
20. (Original) The modular prosthetic device of claim 19 wherein the motion-preserving device comprises a socket component and a ball component.
21. (Original) The modular prosthetic device of claim 20 wherein the socket component comprises a pair of tapered end portions for engaging a pair of corresponding receiving means of the first end member.
22. (Original) The modular prosthetic device of claim 20 wherein the socket component comprises a pair of slots for receiving a pair of corresponding locking devices of the first end member in a releasably securing engagement.
23. (Original) The modular prosthetic device of claim 20 wherein the ball component comprises a pair of tapered end portions for engaging a pair of corresponding receiving means of the second end member.

24. (Original) The modular prosthetic device of claim 20 wherein the ball component comprises a pair of slots for receiving a pair of corresponding locking devices of the second end member in a releasably securing engagement.
25. (Original) The modular prosthetic device of claim 16 wherein the prosthetic insertion device is a fusion cage.
26. (Original) The modular prosthetic device of claim 25 wherein the fusion cage comprises a first tapered extension for engaging the at least one receiving means of the first end member and a second tapered extension for engaging the at least one receiving means of the second end member.
27. (Original) The modular prosthetic device of claim 25 wherein the fusion cage comprises at least one slot for receiving the at least one locking means of the first end member and at least one slot for receiving the at least one locking means of the second end member.
28. (Original) The modular prosthetic device of claim 16 wherein the prosthetic insertion device is an elongated fusion cage.
29. (Original) The modular prosthetic device of claim 16 wherein the prosthetic insertion device comprises an elongated, solid member and a ball component.
30. (Original) The modular prosthetic device of claim 29 wherein the solid member comprises a recess and the ball component comprises a projection, and wherein the projection is adapted to engage the recess.
31. (Original) A stacking member for use in forming a modular, stackable prosthetic device, comprising a first surface in an opposed relation to a second surface, the first and second surfaces each comprising at least one flange to define a receiving means, and a locking means positioned adjacent to the receiving means, the locking means being movable between a first position and a second position.

32. (Original) The stacking member of claim 31 wherein the at least one flange of the first and second surfaces is angled relative to such first and second surfaces.

33. (Original) A modular, stackable prosthetic device, comprising:

first and second end members each comprising at least one receiving means;

a stacking member positioned between the first and second end members, the stacking member having first and second surfaces, and at least one receiving means defined along each of the first and second surfaces;

a first prosthetic insertion device comprising a means for engaging the at least one receiving means of the first end member, and a means for engaging the at least one receiving means defined along the first surface of the stacking member; and

a second prosthetic insertion device comprising a means for engaging the at least one receiving means of the second end member, and means for engaging the at least one receiving means defined along the second surface of the stacking member.

34. (Original) The modular, stackable prosthetic device of claim 33 wherein the first end member comprises at least one locking means positioned adjacent to the at least one receiving means.

35. (Original) The modular, stackable prosthetic device of claim 33 wherein the second end member comprises at least one locking means positioned adjacent to the at least one receiving means.

36. (Original) The modular, stackable prosthetic device of claim 34 wherein the stacking member comprises at least one locking means positioned adjacent to the at least one receiving means defined along the first surface.

37. (Original) The modular, stackable prosthetic device of claim 35 wherein the stacking member comprises at least one locking means positioned adjacent to the at least one receiving means defined along the second surface.

38. (Original) The modular, stackable prosthetic device of claim 36 wherein the first prosthetic insertion device is adapted to be releasably secured to the first end member and the stacking member.

39. (Original) The modular, stackable prosthetic device of claim 37 wherein the second prosthetic insertion device is adapted to be releasably secured to the second end member and the stacking member.

40. (Original) The modular, stackable prosthetic device of claim 33 wherein the first prosthetic insertion device is selected from the group consisting of a motion-preserving device and a fusion device.

41. (Original) The modular, stackable prosthetic device of claim 33 wherein the second prosthetic insertion device is selected from the group consisting of a motion-preserving device and a fusion device.

42. (Original) The modular, stackable prosthetic device of claim 33 further comprising an additional stacking member.

43. (Original) The modular, stackable prosthetic device of claim 42 further comprising an additional prosthetic insertion device.

44. (Original) A modular prosthetic device, comprising:

- a first implant member having a first articular surface;
- a second implant member having a second articular surface; and
- a spacer member positioned between the first and second implant members, the spacer member having a third articular surface cooperating with the first articular surface to permit articulating motion between the spacer member and the first implant member, and a fourth articular surface cooperating with the second articular surface to permit articulating motion between the spacer member and the second implant member.

45. (Original) The modular prosthetic device of claim 44 wherein the first implant member is adapted to engage a first vertebral body and the second implant member is adapted to engage a second vertebral body and the spacer member spans a space created by a vertebrectomy.

46. (Original) The modular prosthetic device of claim 44 wherein the spacer member further comprises an articulating means.

47. (Original) The modular prosthetic device of claim 44 further comprising a linkage member coupling the first implant member to a portion of a vertebral body.

48. (Original) The modular prosthetic device of claim 44 further comprising a linkage member coupling the second implant member to a portion of a vertebral body.

49. (Original) The modular prosthetic device of claim 44 further comprising a linkage member coupling the spacer member to a portion of a vertebral body.

50. (Original) The modular prosthetic device of claim 44 wherein the first implant member is coupled to a posterior plate by a first linkage member and the posterior plate is coupled to the spacer member by a second linkage member.

51. (Original) The modular prosthetic device of claim 44 wherein the second implant member is coupled to a posterior plate by a first linkage member and the posterior plate is coupled to the spacer member by a second linkage member.

52. (Original) A modular prosthetic device for insertion into a space created by a vertebrectomy, comprising:

- a first implant member adapted to engage a first vertebral body and having a first articular surface;

- a second elongated implant member adapted to engage a second vertebral body and having a second articular surface, the first and second articular surfaces cooperating to permit articulating motion between said first and second implant members;

- wherein the second elongated implant member spans a space created by a vertebrectomy.

53. (Withdrawn) A method for assembling a prosthetic device, comprising providing an anchoring device comprising first and second end members, the first and second end members having slots defined therein, providing a prosthetic insertion device having end portions corresponding to the slots defined in the anchoring device, aligning the end portions of the prosthetic insertion device with the slots of the anchoring device, and inserting the prosthetic insertion device into the anchoring device via the cooperation of the end portions and the slots.